

**AMENDMENTS TO ABSTRACT**

Please amend the Abstract of this invention beginning at page 49, line 2 as follows:

A freeway routing system ~~that connects for connecting input and output ports of interface groups of tiles in said a field programmable gate array.~~ The freeway system having a first set of routing conductors configured to transfer signals ~~to between~~ the input ports ~~of at least one of~~ ~~interface group groups~~ in a first tile of the field programmable gate array and ~~configured to transfer signals from~~ the output ports of ~~interface groups of~~ other tiles in the filed programmable gate array. The first set conductors include vertical conductors that form intersections with horizontal conductors and programmable interconnect elements located at said intersections vertical conductors and horizontal conductors in a diagonal orientation to connect each of the horizontal conductors to one of the vertical conductors.